



MAXIMUM QUANTITY OF ENTRIES PER FACE

Thread Size	M16		M20		M25		M32		M40		M50	
	EJB	EJB	EJB	EJB	EJB	EJB	EJB	EJB	EJB	EJB	EJB	EJB
Box Type	1	2	1	2	1	2	1	2	1	2	1	2
Face A / C	6	10	6	8	3	3	2	3	2	2	0	1
Face B	4	8	4	6	2	2	1	2	1	2	0	1
Face D	6	10	6	8	3	3	2	3	2	2	0	1

Technical Data

- Increased Safety Ⓢ II 2 GD Exe II C Gb Extb, III C Db.
- EJB 1 Certificate No's: Baseefa 08ATEX 0208X and IECEx BAS08.0065X.
- ZEJB 1 Certificate No's: Baseefa 08ATEX0207U and IECEx BAS08.0064U
- Suitable for use in Zone 1, Zone 2, Zone 21 and Zone 22.
- Construction and Test Standards: IEC/EN 60079-0, IEC/EN 60079-7, IEC/EN 61241-0 and IEC/EN 61241-1.
- Ingress Protection: IP66 to IEC/EN 60529.
- Deluge Protection to DTS01.
- Operating Temperature Range: -60°C to +80°C.
- Temperature Class and Ambient: T6 40°C, optional T5 with ambients up to 65°C.
- Assembly Instruction Sheet: AI – Pending.

For full technical specification, see Page 32

Dimension	EJB1	EJB2
	Size (mm)	Size (mm)
S	120	150
T	2	2
V	80.5	90.5
W	96	126
X	126	156
Y	96	126
Z	148	178

TERMINAL CAPACITY

Terminal Type	Conductor Size (mm ²)		Max. Volts	Max. Physical Terminal Content				Reduced Terminal Content at Max. Terminal Amps			
	Min.	Max.		Terminal Qty.		Amps		Terminal Qty.		Amps	
				EJB 1	EJB 2	EJB 1	EJB 2	EJB 1	EJB 2	EJB 1	EJB 2
WDU 2.5N	0.5	2.5	420	12	18	15	13	9	11	17	17
WDU 2.5	0.5	2.5	550	12	18	15	13	9	11	17	17
WDU 4	0.5	4	690	10	15	20	18	8	10	22	22
WDU 6	0.5	6	550	7	11	28	24	6	8	29	29
WDU 10	1.5	10	550	6	9	38	34	5	6	40	40
WDU16	1.5	16	550	-	7	-	47	-	-	-	-
BK 6	1	4	275	1	-	21	-	-	-	-	-
MK 6/6	1	6	420	1	-	26	-	-	-	-	-
		Max. per Pillar				Conductor Size mm ²	Max. Amps per Pillar	Conductor Size mm ²	Max. Amps per Pillar		
HTB 6	0.5	2 x 10mm ² 3 x 6mm ² 4 x 4mm ² 4 x 0.5mm ² (Min) See certificate for more options	550	1	1	0.5	1	0.5	1	N/A	1
						0.75	1	0.75	1		
						1	8	1	8		
						1.5	10	1.5	10		
						2.5	15	2.5	15		
						4	21	4	21		
						6	26	6	26		
						10	37	10	37		

Notes: For Junction Box Wattage Factor and Combined Terminal Resistance, see Pages 43 & 44 The box is supplied with an integral internal / external earth stud assembly. The terminals listed are restricted to a minimum operating temperature of -50°C.